

TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-12860-2

Applicant Copy
09/689,366
2/18/2004

Query Match 100.0%; Score 3277; DB 5; Length 618;
Best Local Similarity 100.0%; Pred. No. 4.8e-308;
Matches 618; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MHKTASQRLFPGPSYONIKSINEDSTILSDWTNSNOKMKYDFSCELYRMTYSTPAGV 60
DB 1 MHKTASQRLFPGPSYONIKSINEDSTILSDWTNSNOKMKYDFSCELYRMTYSTPAGV 60
QY 61 PVSESLARAGFYTYGVNDKVKCFCCGIMLDNMKLDSPLOKHOLYPSCSFIQNLVSAS 120
DB 61 PVSESLARAGFYTYGVNDKVKCFCCGIMLDNMKLDSPLOKHOLYPSCSFIQNLVSAS 120
QY 121 LGSTSKTSPMNSFAHSLSPLEHSSLFSGSYSSLPNPLNSRAVEDISSRTNPYSYA 180
DB 121 LGSTSKTSPMNSFAHSLSPLEHSSLFSGSYSSLPNPLNSRAVEDISSRTNPYSYA 180
QY 181 MSTEAREFLTYHWPPLTFLSPBELARAGFYIIGPGRVACFACCGKLSNWEPKDAMSEH 240
DB 181 MSTEAREFLTYHWPPLTFLSPBELARAGFYIIGPGRVACFACCGKLSNWEPKDAMSEH 240
QY 241 RHRFPNCPFLNSLETFLRFSISNLSMOTHAARMRTMYWPSVPVQPEOLASAGFYVGR 300
DB 241 RHRFPNCPFLNSLETFLRFSISNLSMOTHAARMRTMYWPSVPVQPEOLASAGFYVGR 300
QY 301 NDDVKCFCCDGGILRCWESGDDPWVEHAKWPRCEFLIRMGQEFVDEIQRYPHLLLEQL 360
DB 301 NDDVKCFCCDGGILRCWESGDDPWVEHAKWPRCEFLIRMGQEFVDEIQRYPHLLLEQL 360
QY 361 STSDTTGEBNADPPIIHFGPGESSSEDAVMNNTPVVKSALMGFNRLVQOTVOSKILTT 420
DB 361 STSDTTGEBNADPPIIHFGPGESSSEDAVMNNTPVVKSALMGFNRLVQOTVOSKILTT 420
QY 421 GENYKTVDIVSALNAEDEKREKEKQAEEMASDDLIRKNMALFOQLTCVLPILD 480
DB 421 GENYKTVDIVSALNAEDEKREKEKQAEEMASDDLIRKNMALFOQLTCVLPILD 480
QY 481 NLKANVINKOEHDIIKOKTOIPLQARELIDTIIVKGNAAANIFKNCLEIDSTLYKNLF 540
DB 481 NLKANVINKOEHDIIKOKTOIPLQARELIDTIIVKGNAAANIFKNCLEIDSTLYKNLF 540
QY 541 VDKMKYIPTEDVSGLSLEQLRLQEBRTCKVCMDKEVSVFIPCGHLVVCQECAPSLR 600
DB 541 VDKMKYIPTEDVSGLSLEQLRLQEBRTCKVCMDKEVSVFIPCGHLVVCQECAPSLR 600
QY 601 KCPICRGIIKGTVRTFLS 618
DB 601 KCPICRGIIKGTVRTFLS 618

RESULT 4
US-08-511-485-8
Sequence 8, Application US/08511485
Patent No. 5919912

GENERAL INFORMATION:
APPLICANT: Korneluk, Robert G.
APPLICANT: Mackenzie, Alexander E.
APPLICANT: Baird, Stephen
TITLE OF INVENTION: MAMMALIAN IAP GENE FAMILY, PRIMERS,
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/511,485
FILING DATE: 04-AUG-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 07540/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
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TELEX: 200154
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 618 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: both
MOLECULE TYPE: protein
US-08-511-485-8

Query Match 99.1%; Score 3247; DB 2; Length 618;
Best Local Similarity 99.4%; Pred. No. 3.8e-305;
Matches 614; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 MHKTASQRLFPGPSYONIKSINEDSTILSDWTNSNOKMKYDFSCELYRMTYSTPAGV 60
DB 1 MHKTASQRLFPGPSYONIKSINEDSTILSDWTNSNOKMKYDFSCELYRMTYSTPAGV 60
QY 61 PVSESLARAGFYTYGVNDKVKCFCCGIMLDNMKLDSPLOKHOLYPSCSFIQNLVSAS 120
DB 61 PVSESLARAGFYTYGVNDKVKCFCCGIMLDNMKLDSPLOKHOLYPSCSFIQNLVSAS 120
QY 121 LGSTSKTSPMNSFAHSLSPLEHSSLFSGSYSSLPNPLNSRAVEDISSRTNPYSYA 180
DB 121 LGSTSKTSPMNSFAHSLSPLEHSSLFSGSYSSLPNPLNSRAVEDISSRTNPYSYA 180
QY 181 MSTEAREFLTYHWPPLTFLSPBELARAGFYIIGPGRVACFACCGKLSNWEPKDAMSEH 240
DB 181 MSTEAREFLTYHWPPLTFLSPBELARAGFYIIGPGRVACFACCGKLSNWEPKDAMSEH 240
QY 241 RHRFPNCPFLNSLETFLRFSISNLSMOTHAARMRTMYWPSVPVQPEOLASAGFYVGR 300
DB 241 RHRFPNCPFLNSLETFLRFSISNLSMOTHAARMRTMYWPSVPVQPEOLASAGFYVGR 300
QY 301 NDDVKCFCCDGGILRCWESGDDPWVEHAKWPRCEFLIRMGQEFVDEIQRYPHLLLEQL 360
DB 301 NDDVKCFCCDGGILRCWESGDDPWVEHAKWPRCEFLIRMGQEFVDEIQRYPHLLLEQL 360
QY 361 STSDTTGEBNADPPIIHFGPGESSSEDAVMNNTPVVKSALMGFNRLVQOTVOSKILTT 420
DB 361 STSDTTGEBNADPPIIHFGPGESSSEDAVMNNTPVVKSALMGFNRLVQOTVOSKILTT 420
QY 421 GENYKTVDIVSALNAEDEKREKEKQAEEMASDDLIRKNMALFOQLTCVLPILD 480
DB 421 GENYKTVDIVSALNAEDEKREKEKQAEEMASDDLIRKNMALFOQLTCVLPILD 480
QY 481 NLKANVINKOEHDIIKOKTOIPLQARELIDTIIVKGNAAANIFKNCLEIDSTLYKNLF 540
DB 481 NLKANVINKOEHDIIKOKTOIPLQARELIDTIIVKGNAAANIFKNCLEIDSTLYKNLF 540
QY 541 VDKMKYIPTEDVSGLSLEQLRLQEBRTCKVCMDKEVSVFIPCGHLVVCQECAPSLR 600
DB 541 VDKMKYIPTEDVSGLSLEQLRLQEBRTCKVCMDKEVSVFIPCGHLVVCQECAPSLR 600
QY 601 KCPICRGIIKGTVRTFLS 618
DB 601 KCPICRGIIKGTVRTFLS 618